Title (en)
Computer system, method and program for managing volumes of storage system

Title (de)
Computersystem, -verfahren und -programm zur Verwaltung von Speichersystemmedien

Title (fr)
Système informatique, procédé et programme pour gérer des volumes d'un système de stockage

Publication
EP 2012226 A2 20090107 (EN)

Application
EP 08250950 A 20080318

Priority
JP 2007160089 A 20070618

Abstract (en)
Provided is a computer system including a host computer (106), a storage system (131), and a management computer (110), in which the storage system receives data I/O request to virtual logical volumes and data I/O request to one or more real logical volumes (137), each of the virtual logical volumes is allocated to one of one or more pools (138), storage areas of physical storage systems are allocated to all storage areas defined as the pools, and when a performance problem has occurred in one of the virtual logical volumes, the management computer selects the one of the virtual logical volumes, and selects a pool other than the pool to which the selected virtual logical volume is allocated and the real logical volumes as a migration destination of the selected virtual logical volume, to thereby prevent a performance problem from being caused by interference among the virtual logical volumes sharing the pool.

IPC 8 full level
G06F 3/06 (2006.01)

CPC (source: EP US)
G06F 3/061 (2013.01 - EP US); **G06F 3/0647** (2013.01 - EP US); **G06F 3/0653** (2013.01 - EP US); **G06F 3/067** (2013.01 - EP US); G06F 2206/1012 (2013.01 - EP US)

Citation (applicant)
- JP 2007160089 A 20070628 - HOFFMANN LA ROCHE
- JP 2003015915 A 20030117 - HITACHI LTD
- JP 2001337790 A 20011207 - HITACHI LTD

Cited by
US8479040B2; US8321629B2; WO2011027388A1; WO2010122596A1

Designated contracting state (EPC)
DE FR GB

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2012226 A2 20090107; **EP 2012226 A3 20120215**; JP 2008310734 A 20081225; JP 5117120 B2 20130109; US 2008313641 A1 20081218; US 8443362 B2 20130514

DOCDB simple family (application)
EP 08250950 A 20080318; JP 2007160089 A 20070618; US 746408 A 20080110